

PRODUCT SHEET - ALUMINIUM



Alstro provides value-added high-end aluminium flat rolled products covering the entire range of flat rolled products. The aluminium sheets are produced from cast slabs or continuous cast coils, rolled down to customised thickness, gauge and tolerances.

With superior durability and attributes, aluminium is a convenient alternative to steel in several applications like roofing, flooring and general engineering

Alloy	AA 1100,AA 3105,AA3003, AA8011
Temper	O, H14, H16,H18
Thickness	0.200mm up
Wide	900 - 1250 mm
Surface	Plain, Embossed, Treadplate

ALUMINIUM HARD ALLOY

ALUMINUM 6000 SERIES

GRADE SUMMARY:

This is the most versatile of the heat treatable aluminum alloys. This alloy offers a wide range of mechanical properties and corrosion resistance. It is easily fabricated and has good formability. It is weld-able using all methods including furnace brazing.

TYPICAL APPLICATIONS

Screw machine parts, Truck bodies and frames, steps, Floors, Walkways, Platforms, Cover plates, Almost any structural component.

AVAILABLE PRODUCTS

Plates

TYPICAL CHEMICAL ANALYSIS:

* Cu – .15/.40 *Si – .40/.80 *Fe – .70 Max. *Mn – .15 Max.
*Mg – .80/1.2 *Zn – .25 Max. *Cr – .04/.35 *Ti – .15 Max.
*Al-Remainder

TYPICAL MECHANICAL PROPERTIES:**

Tensile Strength (PSI) 45,000

Yield Point (PSI) 40,000

Brinell Hardness 95

* Chemical Analysis will vary on each heat number

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